

- Santa Monica
- Sustainable City Policy
- Alternative Fuels in the Fleet
- Biodiesel in the Fleet
- Future



SUSTAINABLE SANTA MONICA



Report Card



RESOURCE CONSERVATION

	2005	2006
Grade	C	C+
Effort	A	A



ENVIRONMENTAL & PUBLIC HEALTH

	2005	2006
Grade	B	B-
Effort	A	A



TRANSPORTATION

	2005	2006
Grade	C-	C
Effort	A	A



ECONOMIC DEVELOPMENT

	2005	2006
Grade	B+	B
Effort	C+	B+



OPEN SPACE & LAND USE

	2005	2006
Grade	B+	A-
Effort	A	A



HOUSING

	2005	2006
Grade	D-	D
Effort	A	A



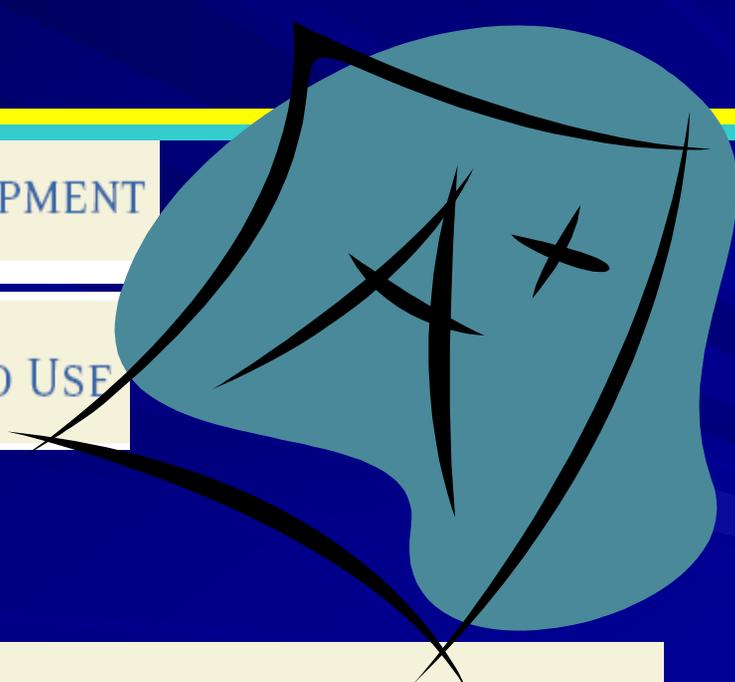
COMMUNITY EDUCATION & CIVIC PARTICIPATION

	2005	2006
Grade	B+	A-
Effort	A	A



HUMAN DIGNITY

	2005	2006
Grade	N/A	B-
Effort	A	A



TRANSPORTATION: 81% of the municipal fleet was successfully transitioned to alternative fuel and the Big Blue Bus is at almost 50%. Alternative fuels in use in the city include LNG, CNG, biodiesel, hydrogen and hybrid electric vehicles.

Fuel	Number	% of Fleet
Electric	27	5%
Hydrogen	5	1%
CNG	264	51%
Propane	10	2%
Bi-Fuel	9	2%
Hybrid	16	3%
Biodiesel	87	17%
Gasoline	101	N/A
Total	519	81%

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Green Depot

(310) 962-0488

- Train Mechanics
- Convert to B20
- Test Emissions
- NOx Mitigation
- Increase to B99

■ Train Mechanics

- Solvent
- Leaks and Rubber Part Damage
- Fuel Tank Blooms
- Plugged Filters

- “Converted” Fleet to B20 February 2005
- Cleaned Above Ground Tank
- Did Not Clean UST or Vehicle Tanks
- Did Not Change Vehicle Filters

- 3 Premature Filter Failures
- 1 Algae Bloom in Fuel Tank
- “Bad Injectors” on New F350
- 1 Odor Complaint
- Sand in Tank

- Emission tests on medium-duty refuse truck
- SCR w/ urea injection on heavy-duty truck



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Thank You!